

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

(For all sources except true minor sources)

Completed by: May Hong

GENERAL INFORMATION:

Name: TIN, Inc., dba Temple-Inland
Address: 1241 West 2nd Street, Maysville, KY 41056
Date application received: 11/26/2002
SIC/Source description: 2631 (Paperboard mills)
Source ID #: 21-161-00032
Source A.I. #: 3008
Activity #: APE20040002
Permit number: F-05-003

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___ Administrative	<input type="checkbox"/> Title V
___ Minor	<input type="checkbox"/> Synthetic minor
___ Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☐ Certified by responsible official
☐ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	0.0006004	0.278055
SO ₂	0.0001	0.0396
NO _x	0.0114	4.5144
CO	0.0032	1.2672
VOC	65.6151	88.9989
Methanol	4.9697	6.7259
Total HAPs	13.434	18.29

SOURCE PROCESS DESCRIPTION:

TIN, Inc. dba Temple-Inland located at Maysville, Kentucky is a one hundred percent recycling mill. It produces recycled linerboard and corrugated medium from old corrugated container furnish via a twin-wire paper machine. For the purpose of permitting, the process has been divided into two areas, the Stock Preparation area and the Paper Machine area. In the stock preparation area, old corrugated container furnish is fed into pulpers and cleaned through a series of screens and cleaners. The pulp is then conditioned and treated before being fed to the paper machine area. The paper machine area consists of operations involving the feeding of the stock, the forming of the sheet, moisture removal and the winding of the sheet onto rolls. The other emission points listed are Temporary Package Boilers, Starch Storage Operations and Effluent Treatment Plants.

The facility is a Conditional major source operating under the authority of a Federally Enforceable Permit No. F-98-016. Temple-Inland is applying for a permit renewal.

EMISSION AND OPERATING CAPS DESCRIPTION:

In order to keep VOC emissions to below 90 tons per year and methanol emissions below 9 tons per year, the mill is limited to a production rate of 558,163 Machine Dried Tons/year.

Operation of the temporary package boilers are limited to a maximum of 30 days per year, and only to be used during periods of maintenance outages of Eastern Kentucky Power Cooperative.